John E O'toole

List of Publications by Year
in descending order

77 papers	2,379 citations	257357 24 h-index	214721 47 g-index
78 all docs	78 docs citations	78 times ranked	1973 citing authors

#	Article	IF	Citations
1	Clinical outcomes after 4- and 5-level Anterior Cervical Discectomy and Fusion for treatment of symptomatic multilevel cervical spondylosis.. World Neurosurgery, 2022, , .	0.7	1
2	Minimally Invasive Posterior Cervical Foraminotomy Versus Anterior Cervical Fusion and Arthroplasty: Systematic Review and Meta-Analysis. Global Spine Journal, 2022, 12, 1573-1582.	1.2	8
3	Lumbar Spinal Stenosis. JAMA - Journal of the American Medical Association, 2022, 328, 310.	3.8	5
4	Patient Expectations of Adult Spinal Deformity Correction Surgery. World Neurosurgery, 2021, 146, e931-e939.	0.7	7
5	Enhanced Recovery After Surgery Pathway for Single-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion Decreases Length of Stay and Opioid Consumption. Neurosurgery, 2021, 88, 648-657.	0.6	26
6	Nonunion Rates After Anterior Cervical Discectomy and Fusion: Comparison of Polyetheretherketone vs Structural Allograft Implants. Neurosurgery, 2021, 89, 94-101.	0.6	10
7	Changes in Segmental and Lumbar Lordosis After Lateral Lumbar Interbody Fusion With Different Lordotic Cage Angulations. International Journal of Spine Surgery, 2021, 15, 440-448.	0.7	7
8	A retrospective comparison of radiographic and clinical outcomes in single-level degenerative lumbar disease undergoing anterior versus transforaminal lumbar interbody fusion. Journal of Spine Surgery, 2021, 7, 170-180.	0.6	8
9	Multilevel Minimally Invasive Lumbar Decompression: Clinical Efficacy and Durability to 2 Years. International Journal of Spine Surgery, 2021, 15, 795-802.	0.7	8
10	Patient Satisfaction Following Minimally Invasive and Open Surgeries for Adult Spinal Deformity. World Neurosurgery, 2021, 155, e301-e314.	0.7	8
11	In Reply: Image-Guided Navigation and Robotics in Spine Surgery. Neurosurgery, 2020, 87, E722.	0.6	0
12	Modifying Spinal Deformity Surgery for Patients With Significant Comorbid Conditions. Contemporary Spine Surgery, 2020, 21, 1-7.	0.2	0
13	Benign Intradural and Paraspinal Nerve Sheath Tumors. Neurosurgery Clinics of North America, 2020, 31, 221-229.	0.8	12
14	Minimally Invasive Surgery Strategies. Neurosurgery Clinics of North America, 2020, 31, 201-209.	0.8	25
15	Comparison of outcomes following minimally invasive and open posterior cervical foraminotomy: description of minimally invasive technique and review of literature. Journal of Spine Surgery, 2020, 6, 243-251.	0.6	15
16	Complete anteriorâ€“posterior minimally invasive thoracoscopic robotic-assisted and posterior tubular approach for resection of thoracic dumbbell tumor. Journal of Craniovertebral Junction and Spine, 2020, 11, 148.	0.4	2
17	Electric shocks and weakness of the right hand in a young man: Hirayama disease. Lancet, The, 2019, 394, 684.	6.3	8
18	Fusion rate following three- and four-level ACDF using allograft and segmental instrumentation: A radiographic study. Journal of Clinical Neuroscience, 2019, 62, 142-146.	0.8	32

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19	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients with Thoracolumbar Spine Trauma: Surgical Approaches. Neurosurgery, 2019, 84, E56-E58.	0.6	9
20	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Neurological Assessment. Neurosurgery, 2019, 84, E32-E35.	0.6	5
21	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Pharmacological Treatment. Neurosurgery, 2019, 84, E36-E38.	0.6	13
22	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Classification of Injury. Neurosurgery, 2019, 84, E24-E27.	0.6	3
23	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients with Thoracolumbar Spine Trauma: Executive Summary. Neurosurgery, 2019, 84, 2-6.	0.6	14
24	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Timing of Surgical Intervention. Neurosurgery, 2019, 84, E53-E55.	0.6	18
25	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Prophylaxis and Treatment of Thromboembolic Events. Neurosurgery, 2019, 84, E39-E42.	0.6	14
26	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Radiological Evaluation. Neurosurgery, 2019, 84, E28-E31.	0.6	24
27	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Hemodynamic Management. Neurosurgery, 2019, 84, E43-E45.	0.6	7
28	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Nonoperative Care. Neurosurgery, 2019, 84, E46-E49.	0.6	5
29	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients with Thoracolumbar Spine Trauma: Operative Versus Nonoperative Treatment. Neurosurgery, 2019, 84, E50-E52.	0.6	9
30	Image-Guided Navigation and Robotics in Spine Surgery. Neurosurgery, 2019, 84, 1179-1189.	0.6	145
31	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Evaluation and Treatment of Patients With Thoracolumbar Spine Trauma: Novel Surgical Strategies. Neurosurgery, 2019, 84, E59-E62.	0.6	15
32	Comparison of Anterior Cervical Discectomy and Fusion to Posterior Cervical Foraminotomy for Cervical Radiculopathy: Utilization, Costs, and Adverse Events 2003 to 2014. Neurosurgery, 2019, 84, 413-420.	0.6	33
33	Multiple Thoracic Spinal Lesions Causing Spinal Cord Compression Secondary to Multiple Myeloma in a Patient with Synchronously Diagnosed Renal Cell Carcinoma: Value of Lesional Biopsy!. Journal of Innovative Optical Health Sciences, 2018, 13, 949-950.	0.5	0
34	Radiation-induced spinal nerve root cavernous malformations as a rare cause of radiculopathy. Neurology, 2017, 89, 2299-2300.	1.5	2
35	Idiopathic thoracic transdural intravertebral spinal cord herniation. Journal of Craniovertebral Junction and Spine, 2017, 8, 288.	0.4	4
36	Minimally invasive â€œseparation surgeryâ€•plus adjuvant stereotactic radiotherapy in the management of spinal epidural metastases. Journal of Craniovertebral Junction and Spine, 2017, 8, 119.	0.4	13

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37	Perioperative Cost Analysis of Minimally Invasive vs Open Resection of Intradural Extramedullary Spinal Cord Tumors. Neurosurgery, 2016, 78, 531-539.	0.6	21
38	Novel reconstruction of the anterior craniocervical junction using an expandable cage with integrated fixation after total C2 spondylectomy for chordoma. Journal of Clinical Neuroscience, 2016, 30, 157-160.	0.8	16
39	Spinal aneurysmal bone cyst presenting as acute paraparesis during pregnancy. Journal of Clinical Neuroscience, 2016, 28, 167-169.	0.8	4
40	Guideline summary review: an evidence-based clinical guideline for the diagnosis and treatment of degenerative lumbar spondylolisthesis. Spine Journal, 2016, 16, 439-448.	0.6	176
41	Intramedullary Spinal Cord Tumors: Part Iâ€"Management Options and Outcomes. Global Spine Journal, 2016, 6, 176-185.	1.2	37
42	Thoracic paraspinal lesion: question. Journal of Clinical Neuroscience, 2016, 25, 116.	0.8	0
43	Minimally invasive combined direct lateral and posterior transpedicular approach for 360Â° resection of a lumbar aneurysmal bone cyst with spinal stabilization. Spine Journal, 2015, 15, e37-e38.	0.6	1
44	High cervical spinal subdural hemorrhage as a harbinger of craniocervical arteriovenous fistula: an unusual clinical presentation. Spine Journal, 2015, 15, e13-e17.	0.6	10
45	Intramedullary Spinal Cord Tumors: Part Iâ€"Epidemiology, Pathophysiology, and Diagnosis. Global Spine Journal, 2015, 5, 425-435.	1.2	147
46	Single-level anterior cervical discectomy and fusion versus minimally invasive posterior cervical foraminotomy for patients with cervical radiculopathy: a cost analysis. Neurosurgical Focus, 2014, 37, E9.	1.0	65
47	Intradural tumor recurrence after resection of extradural metastasis: a rare but potential complication of intraoperative durotomy. Journal of Neurosurgery: Spine, 2014, 20, 734-739.	0.9	6
48	Letter to the Editor: Tubular retractor selection in minimally invasive spinal tumor resection. Journal of Neurosurgery: Spine, 2014, 20, 596-598.	0.9	3
49	Management of intended durotomy in minimally invasive intradural spine surgery. Journal of Neurosurgery: Spine, 2014, 21, 279-285.	0.9	35
50	Inverted Mercedes Benz Sign in Lumbar Spinal Subdural Hematoma. Journal of Emergency Medicine, 2014, 47, 692-693.	0.3	18
51	Position Statement on Percutaneous Vertebral Augmentation: A Consensus Statement Developed by the Society of Interventional Radiology (SIR), American Association of Neurological Surgeons (AANS) and the Congress of Neurological Surgeons (CNS), American College of Radiology (ACR), American Society of Neuroradiology (ASNR), American Society of Spine Radiology (ASSR), Canadian Interventional Radiology Association (CIRA), and the Society of NeuroInterventional Surgery (SNIS). Journal of Vascular and Interventional Radiology, 2014, 25, 171-181.	0.2	84
52	Current Techniques in the Management of Cervical Myelopathy and Radiculopathy. Neurosurgery Clinics of North America, 2014, 25, 261-270.	0.8	10
53	ACR Appropriateness Criteria Management of Vertebral Compression Fractures. Journal of the American College of Radiology, 2014, 11, 757-763.	0.9	48
54	Clinical experience using polyetheretherketone (PEEK) intervertebral structural cage for anterior cervical corpectomy and fusion. Journal of Clinical Neuroscience, 2014, 21, 217-220.	0.8	27

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55	Rapidly progressive quadriparesis heralding disseminated coccidioidomycosis in an immunocompetent patient. Journal of Clinical Neuroscience, 2014, 21, 1049-1051.	0.8	26
56	Timing of Surgery After Cervical Spinal Cord Injury. World Neurosurgery, 2014, 82, e389-e390.	0.7	10
57	A rare intramedullary spinal cord metastasis from uterine leiomyosarcoma. Journal of Clinical Neuroscience, 2013, 20, 1309-1312.	0.8	12
58	Minimally invasive treatment of spinal dural arteriovenous fistula with the use of intraoperative indocyanine green angiography. Neurosurgical Focus, 2013, 35, Video5.	1.0	8
59	Isolated spinal neurosarcoidosis: An enigmatic intramedullary spinal cord pathology-case report and review of the literature. Journal of Craniovertebral Junction and Spine, 2013, 4, 76.	0.4	11
60	The Future of Minimally Invasive Spine Surgery. Neurosurgery, 2013, 60, 13-19.	0.6	6
61	Management of incidental durotomy in minimally invasive spine surgery. Neurosurgical Focus, 2011, 31, E15.	1.0	81
62	Vascular Malformations of the Spinal Cord. , 2011, , 1642-1654.		2
63	Surgical site infection rates after minimally invasive spinal surgery. Journal of Neurosurgery: Spine, 2009, 11, 471-476.	0.9	294
64	MINIMALLY INVASIVE POSTEROLATERAL THORACIC CORPECTOMY. Neurosurgery, 2009, 64, 746-753.	0.6	39
65	MINIMALLY INVASIVE POSTERIOR OSTEOTOMIES. Neurosurgery, 2008, 63, A204-A210.	0.6	25
66	Minimally Invasive Insertion of Syringosubarachnoid Shunt for Posttraumatic Syringomyelia: Technical Case Report. Operative Neurosurgery, 2007, 61, ONSE331-ONSE332.	0.4	10
67	MINIMALLY INVASIVE LUMBAR SPINAL DECOMPRESSION IN THE ELDERLY. Neurosurgery, 2007, 60, 503-510.	0.6	180
68	Posterior Minimally Invasive Approaches for the Cervical Spine. Orthopedic Clinics of North America, 2007, 38, 339-349.	0.5	72
69	Minimally invasive far lateral microendoscopic discectomy for extraforaminal disc herniation at the lumbosacral junction: cadaveric dissection and technical case report. Spine Journal, 2007, 7, 414-421.	0.6	65
70	The Development of Minimally Invasive Spine Surgery. Neurosurgery Clinics of North America, 2006, 17, 401-409.	0.8	100
71	Preface. Neurosurgery Clinics of North America, 2006, 17, ix-x.	0.8	2
72	Minimally Invasive Approaches to Vertebral ColumnÂand Spinal Cord Tumors. Neurosurgery Clinics of North America, 2006, 17, 491-506.	0.8	38

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73	Endoscopic Posterior Cervical Foraminotomy and Discectomy. Neurosurgery Clinics of North America, 2006, 17, 411-422.	0.8	69
74	Clinicopathological Review: Cord Compression Secondary to a Lesion of the Cervical Spine in an 11-year-old Girl. Neurosurgery, 2004, 54, 934-938.	0.6	2
75	Surgical Management of Dissociated Motor Loss Following Complex Cervical Spine Reconstruction. Spine, 2004, 29, E56-E60.	1.0	9
76	Villous Hypertrophy versus Choroid Plexus Papilloma: A Case Report Demonstrating a Diagnostic Role for the Proliferation Index. Pediatric Neurosurgery, 2003, 39, 91-96.	0.4	37
77	Midline Ventral Intradural Schwannoma of the Cervical Spinal Cord Resected via Anterior Corpectomy with Reconstruction: Technical Case Report and Review of the Literature. Neurosurgery, 2003, 52, 1482-1486.	0.6	58